

553271

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
28 October 2004 (28.10.2004)

PCT

(10) International Publication Number
WO 2004/092052 A1

(51) International Patent Classification⁷: **B82B 3/00** (74) Agent: HWANG, Eui In; 10th Floor, Hankook Tire Bldg., 647-15 Yeoksam-dong, Gangnam-gu, Seoul 135-723 (KR).

(21) International Application Number:

PCT/KR2004/000887

(22) International Filing Date: 16 April 2004 (16.04.2004)

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data:
10-2003-0024319 17 April 2003 (17.04.2003) KR
10-2003-0058480 23 August 2003 (23.08.2003) KR

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

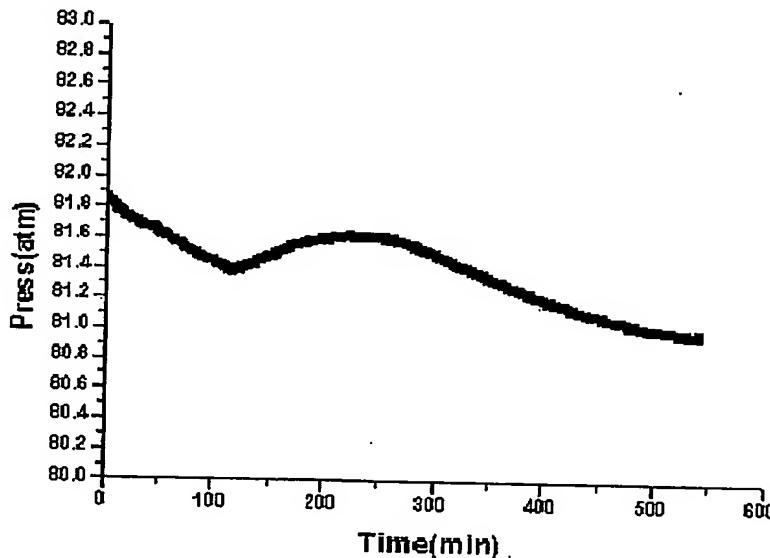
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: NANO-STRUCTURED METAL-CARBON COMPOSITE AND PROCESS FOR PREPARATION THEREOF



(57) Abstract: Disclosed are a nano-structured metal-carbon composite and a process for preparation thereof. More specifically, a nano-structured metal-carbon composite is prepared by continuously impregnating a transition metal precursor and a carbon precursor into a nano template and reacting the resultant mixture at high temperature. In the composite according to the present invention, metal is regularly multi-dispersed in a size of less than 1 nano meter, and metal and carbon are chemically bonded, thereby exhibiting the highly excellent hydrogen storage capacity.